



Express Mail No. ET456889067US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Dennis L. Franz
Serial No: 10/666,800
Filed: September 18, 2003
For: COULOMB FORCE NEUTRALIZED FUSION REACTOR
Examiner: Greene, Daniel L., Jr.
Art Unit: 3641
Docket: FR19.P01

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 25, 2004
Yakima, Washington

AMENDMENT AND RESPONSE TO ELECTION/RESTRICTION REQUIREMENT

Sirs:

In response to the Office Action relating to an Election/Restriction Requirement, marked as mailed December August 23, 2004, and received from the Examiner for the above listed application, the Applicant hereby provisionally elects Claims 1 through 6 for examination, without traverse. The shortened statutory period for response was set to expire one (1) month from the mailing date of the restriction requirement. The response is herein extended one month, to October 23, 2004. This response by U.S. Express Mail, on Monday, October 25, 2004, is timely filed.

RESPONSE

The Examiner has required restriction regarding claims 1 through 20, as follows:

1. The Examiner requires an election between the species:
 - A. A system wherein there is only one reactor.
 - B. A system wherein there is two reactors.

In response, the Applicant elects the system "A." above, where there is one reactor. However, the Applicant asserts that the two reactor system can not be practiced without the single reactor system.

2. The Examiner further requires an election between the species:

- I. The embodiment of figure 1 wherein there is NO vertical conductor.
- II. The embodiment of figure 21 wherein there exist a vertical conductor.

In response, the Applicant elects the embodiment "II." above, where there exists a vertical conductor. However, the Applicant observes that the embedment shown in FIG. 1 of the originally filed specification does not show the vertical conductor for ease of illustration and the vertical conductor is present in the reactor, as discussed in the specification and detailed in FIG. 21, therein.

3. The Examiner further requires an election between the species:

- a. The system wherein the fuel ring consists of Lithium.
- b. The system wherein the fuel ring consists of Hydrogen.
- c. The system wherein the fuel ring consists of Helium.
- d. The system wherein the fuel ring consists of Deuterium.

In response, the Applicant elects the embodiment "a." above, where the fuel ring consists of Lithium. However, the system has the ability to function with a multiple of alternate fuel types, as discussed in the specification.

REMARKS

In view of the above cited elections, the claims that are presently readable on the elected species include claims 1, through 3, and 5 through 17. Additionally, the Applicant wishes to amend the non-elected claims to render them readable upon the elected species. The formal listing of all claims, with amendments to claims 4 and 18, begin on the following page. For the amendments, added text is shown underlined, and deleted text shown within double brackets.